



The Montana Analysis and Reporting System

Welcome!



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Analysis and Reporting System – Topics

- Introduction
- System Availability
- Technical Specifications
- Accessing MARS
- The Home page
- Account Management
- Interactive
- Reporting
- Classroom Accounts – what can be accessed
- System Accounts – what can be accessed
- Q & A / Feedback



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Analysis and Reporting System – Introduction

- Web-based system for analysis of student results and for generating reports.
- The Montana Analysis and Reporting System (MARS) replaces the legacy iAnalyze system.
- Data can be exported as .XLS, .CSV, or PDF.
- Teachers can be assigned to student rosters so that they can access data for their students (only).
- Data in tables can be manipulated within the browser window without page reload.
- Secure website (SSL).

Analysis and Reporting System – System Availability

- MontCAS CRT and CRT Alt assessment window was March 3 – March 26, 2008.
- The Montana Analysis and Reporting System (MARS) will be released the first week of June 2, 2008.
- Passwords will be mailed to System Test Coordinators May 13, 2008.
- Reading and Math results will be available for Grades 3-8 and 10.
- Science results for Grades 4, 8 and 10 are expected to be available on MARS in early September, 2008.

General Requirements – PC and Mac

- Enable Cookies and JavaScript.
- Adobe Acrobat 5.0+ required.
- MARS uses SSL technology (<https://>)
- Depending on web-filtering technology, access to *.measuredprogress.org may be required for network-level firewalls or proxy servers over port 443.
- Reports downloaded from MARS are compressed (zipped).

Analysis and Reporting System – Technical Specifications

- Windows

- o Operating Systems: Vista, Windows XP SP2
- o Minimum 256 MB RAM
- o Browsers: Internet Explorer 6+ or 7+, Firefox 1.5+ or 2+
- o If compression utilities are required (unzipping reports), recommended:
 - WinZip: <http://www.winzip.com>
 - WinRAR: <http://www.rarlab.com>

- Macintosh

- o Operating Systems: Panther (10.3.9), Tiger, Leopard
- o Minimum 256 MB RAM
- o Browsers: Safari 1.3+, 2+, 3+, Firefox 2+
- o Compression utilities:
 - Stuffit: <http://www.stuffit.com/mac/expander/download.html>
 - OpenUp: <http://homepage.mac.com/sanguish/OpenUp>

Note: Please check with your school technology coordinator before installing any third party utilities.

Note: Netscape browsers are not supported.



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Analysis and Reporting System – Accessing MARS

- Access the Analysis and Reporting System via the Measured Progress iServices website:
<http://iservices.measuredprogress.org>
- Select 'Montana' or 'Montana ALT' from the state/contract dropdown menu and select Enter.



Online Client Services



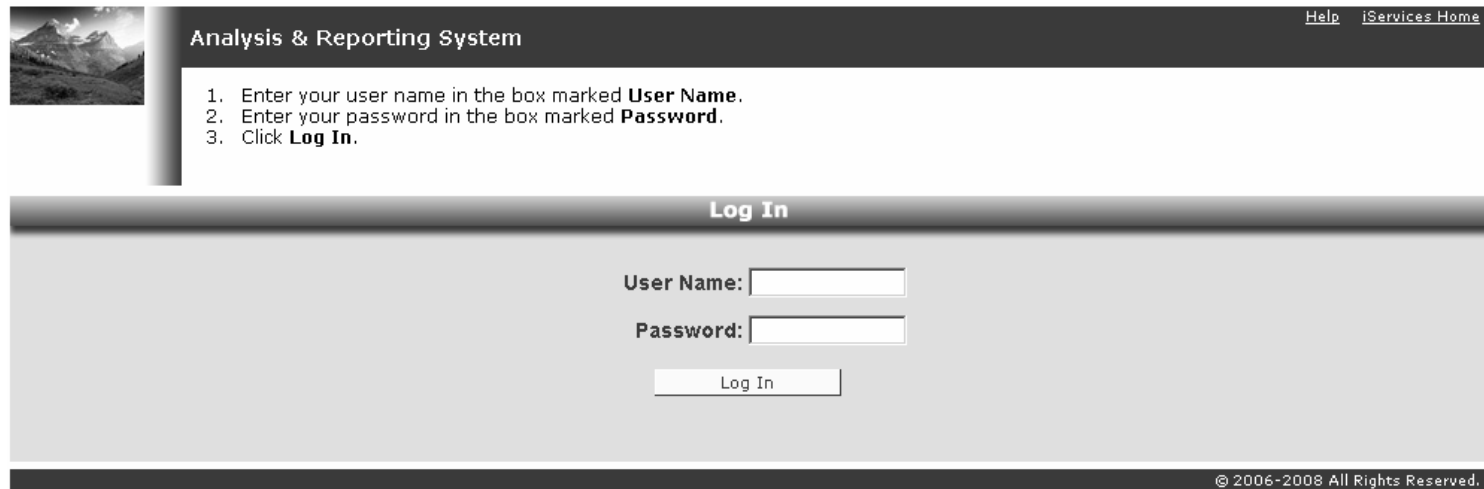
Welcome to Online Client Services!


Select your state/contract and click "Enter" to begin:

Alternate Assessment Collaborative	Enter
Montana	
Montana Alternate Assessment	
Montana Pilot Study	
Mountain West Assessment Consortium	
Nevada	
New England Common Assessment Program-NE	
New Hampshire - NHEIAP General	
New Hampshire – Alternate Assessment	
New Mexico Alternate Assessment	
New York Alternate Assessment	
Progress Toward Standards	

Analysis and Reporting System – Accessing MARS

- At the Montana Client Services page, there will be a link for the Analysis and Reporting System.
- Select the link to launch the login screen.
- System-level Coordinators and School Principals will receive their login account information from Measured Progress / OPI in May.



 Analysis & Reporting System [Help](#) [iServices Home](#)

1. Enter your user name in the box marked **User Name**.
2. Enter your password in the box marked **Password**.
3. Click **Log In**.

Log In

User Name:

Password:

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Analysis and Reporting System – Accessing MARS

- At the school-level, there are only two account types:
 - Principal Account
 - Classroom Account (Teachers)
- Classroom accounts will be front-loaded by Measured Progress.
- Principals will have access to a report within MARS which will contain all Classroom Account login information.
- Principals will be required to assign the Classroom Accounts to their corresponding student roster groups (Student Assignment)

Basic Filtering Options Click To Hide Options

Year: 2006-2007 System : Pine Valley District Grade: Grade 08

Administration: CRT School: Pine Valley Middle School Subject:

Student Assignment

User: Madeline Kahn

<input checked="" type="checkbox"/>	Lname	Fname
<input type="checkbox"/>	ADCOCK	AMBROSE
<input type="checkbox"/>	AFT	HAYDEN
<input type="checkbox"/>	AFT	KINA
<input type="checkbox"/>	AGG	HILTON
<input type="checkbox"/>	ALBRIGHT	LASHANDRA
<input type="checkbox"/>	ALTMAN	GENOVEVA

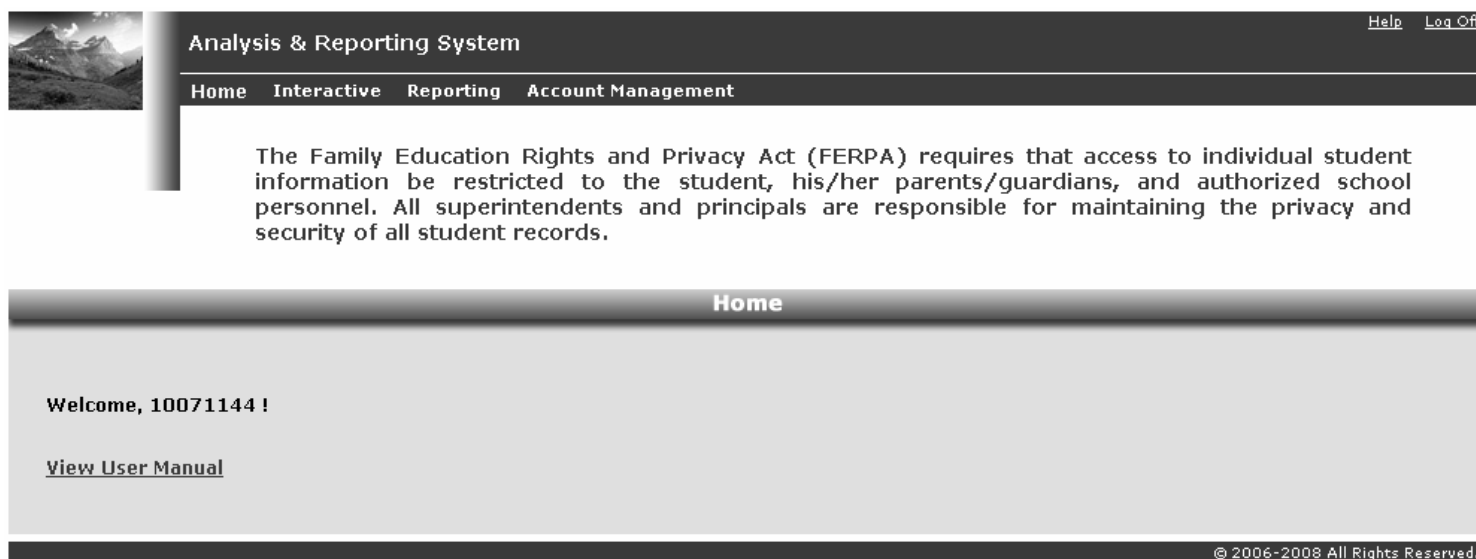


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Analysis and Reporting System – Home Page

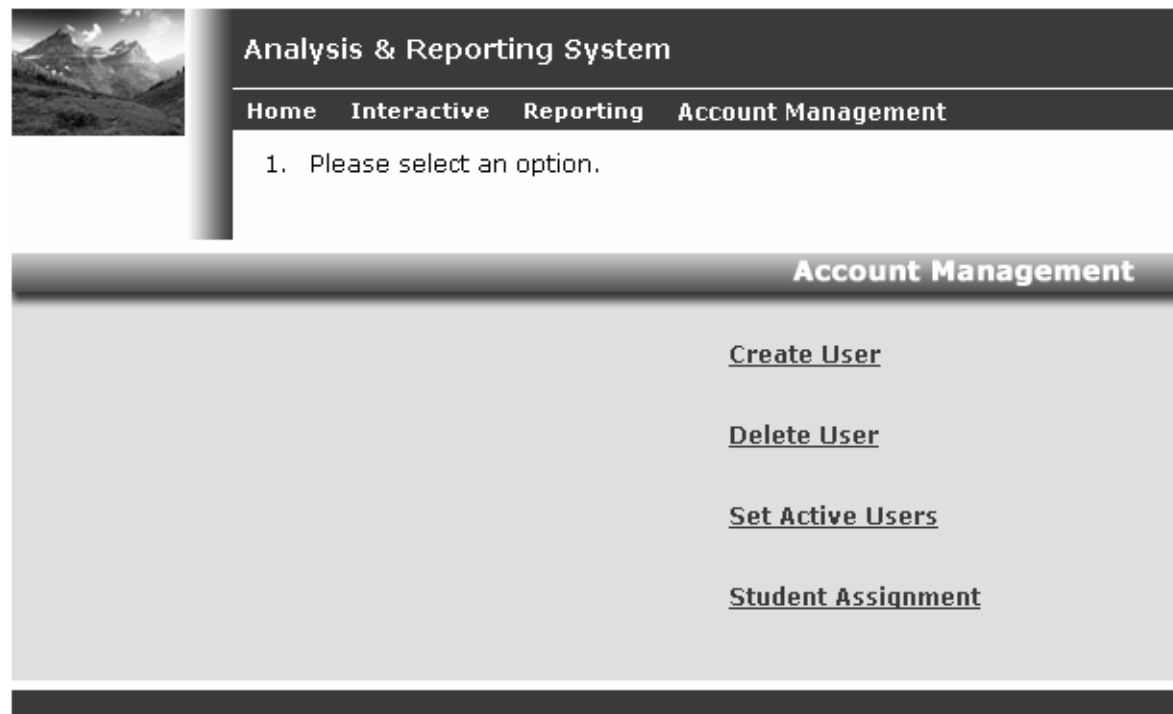
- After login, the Home page appears. School major (Principal) view:



- Links: Home, Interactive, Reporting, Account Management, Help, Logoff, View User Manual.

Analysis and Reporting System – Account Management

- Account Management. Principal can create, delete, and activate accounts, as well as assign Classroom Accounts (teachers) to student rosters via Student Assignment.



Analysis and Reporting System – Account Management

- Create User:



The 'Create User' form has a title bar 'Create User'. Below it is a sub-header 'Sign Up for Your New Account'. The form contains four input fields: 'User Name:', 'Password:', 'Confirm Password:', and 'E-mail:'. A 'Create User' button is located below the 'E-mail' field. At the bottom, there is a link: 'Return to Account Management Menu'.

- Delete User:



The 'Delete User' form has a title bar 'Delete User'. Below it is a sub-header 'User:'. There is a dropdown menu showing 'Madeline Kahn'. A 'Delete User' button is located below the dropdown. At the bottom, there is a link: 'Return to Account Management Menu'.



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Analysis and Reporting System – Account Management

- Set Active Users:

Set Active Users			
<input checked="" type="checkbox"/>	System Code	School Code	User Name
<input checked="" type="checkbox"/>	1007	1144	Madeline Kahn

[Return to Account Management Menu](#)

- Student Assignment:

Basic Filtering Options			Click To Hide Options
Year: 2006-2007	System : Pine Valley District	Grade: Grade 08	
Administration: CRT	School: Pine Valley Middle School	Subject:	

Student Assignment		
User: Madeline Kahn		
<input checked="" type="checkbox"/>	Lname	Fname
<input type="checkbox"/>	ADCOCK	AMBROSE
<input type="checkbox"/>	AFT	HAYDEN
<input type="checkbox"/>	AFT	KINA
<input type="checkbox"/>	AGG	HILTON
<input type="checkbox"/>	ALBRIGHT	LASHANDRA

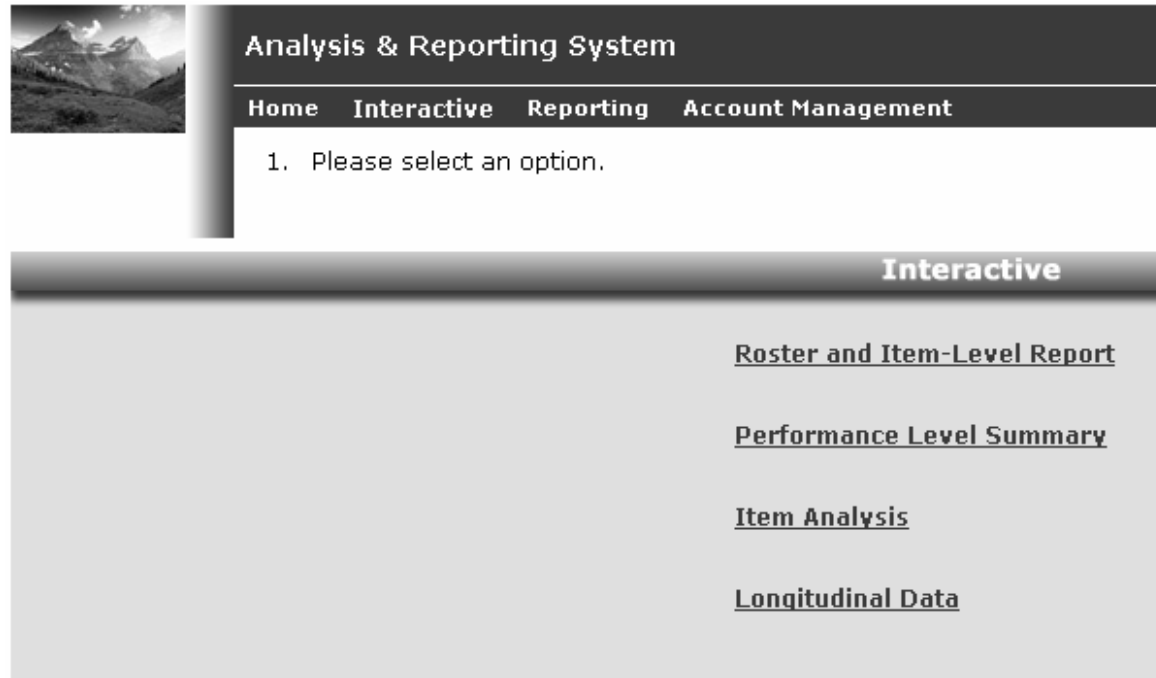


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Analysis and Reporting System – Interactive

- The Interactive Menu
 - o Roster and Item-Level Report
 - o Performance Level Summary
 - o Item Analysis
 - o Longitudinal Data



- Roster and Item-level Report

- o Choose values for: Year, System, Grade, Administration, School and Subject
- o Data will automatically display
- o Advanced Filtering Options can be selected to further refine data.
 - Use “Click to Show Options” or “Click to Hide Options” to expand or contract the menu.
 - Select “Match All” or “Match Any” if desired.

Basic Filtering Options			Click To Hide Options
Year: 2006-2007	System : Pine Valley District	Grade: Grade 08	
Administration: CRT	School: Pine Valley Middle School	Subject: Mathematics	

Advanced Filtering Options				Click To Hide Options
Gender: <input type="text"/>	Ethnicity: <input type="text"/>	<input type="checkbox"/> Identified Disability	<input type="checkbox"/> Economically Disadvantaged	
		<input type="checkbox"/> Current LEP	<input type="checkbox"/> Migrant	
<input checked="" type="radio"/> Match All <input type="radio"/> Match Any		<input type="button" value="Display"/>		<input type="button" value="Clear All"/>

• Roster and Item-level Report

- o Items within the Roster and Item-Level Report can be sorted within the table without having to refresh the window.
- o Sort by: Released Item, Standard, Correct Responses, Points Possible, Last Name, First Name, Middle Initial, Student ID, Scaled Score, and Performance Level.

Roster and Item-Level Report

View Legend

View File Layout

Custom PDF Title

Export in PDF Format

Export in Excel Format

(Enter a custom report title up to 40 characters for PDF output.)

Total number of students: 274

LName	FName	MI	StudentId	View Item																				SS	PerfLevel			
				ReleasedItem																								
				Standard																								
				CorrectResponse																								
				PtsPossible																								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20									
A3	B1	B1	A3	D1	H6	F3	D4	F1	B2	K2	E2	F1	H3	E1	F3	E3	D4	H6	G3									
C	B	C	C	C	D	B	D	D	A	B	B	A	B	B	D	C	E	4	2	4								
1	1	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	4									
ARCHIBALD	ADOLFO	G	0000000509	+	C	D	4	+	+	+	+	+	+	+	+	D	C	B	B	2	2	4	258	P				
GARNEYS	AGNES		0000000764																					DNP				
WHEELER	ALBERT	M	0000000679	B	+	B	2	+	+	+	A	C	+	+	+	C	B	A	D	D	C	B	0	2	3	244	P	
OWEN	ALBERTA	B	0000000708	+	D	B	2	+	D	+	+	+	+	+	+	+	D	A	+	+	+	+	2	2	4	256	P	
WATKINS	ALBERTINA	S	0000000742	D	D	B	1	+	+	+	+	+	+	+	+	+	C	+	+	+	+	+	0	0	3	240	NP	
KNAPENBERGER	ALEXANDER	E	0000000591	B	+	D	4	+	+	+	+	+	+	+	+	+	C	+	+	+	+	+	2	2	2	260	P	
ADCOCK	AMBROSE		0000000547	+	+	B	1	+	+	+	B	D	+	+	+	+	D	+	D	+	B	+	0	0	2	244	P	
DOVERSPIKE	AMMIE	M	0000000619	B	A	B	2	D	A	+	+	+	+	+	+	+	D	A	+	+	+	B	0	1	2	230	NP	
MCLOSKEY	ANDERSON	R	0000000702	B	+	B	0	B	A	+	+	+	+	+	+	+	C	+	+	+	+	B	0	0	2	220	N	
CASTEEL	ANDREE	M	0000000645	+	+	A	2	+	+	+	B	B	A	+	+	+	+	+	+	+	+	+	2	2	0	250	P	
WILSON	ANGELE	M	0000000699	+	C	+	2	+	+	+	B	B	B	+	+	+	A	C	+	+	+	+	+	2	1	244	P	
TAGGART	ANIBAL	L	0000000534	+	+	+	3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	2	2	3	272	A	
FRANKENBERGER	ANISA	A	0000000685	+	+	+	2	+	+	+	+	+	+	+	+	+	C	D	A	+	+	A	2	B	2	240	NP	
STEWART	ANNEMARIE		0000000525	+	A	D	2	+	+	+	B	+	C	C	B	C	+	D	A	A	C	D	0	0	1	216	N	
ZIMMER	ANTHONY	M	0000000621	D	C	A	2	+	D	+	C	+	+	+	+	+	C	+	D	D	+	C	0	0	2	3	248	P
HUNTER	ARA	D	0000000506	B	+	B	2	C	A	A	A	A	A	D	B	C	B	D	D	+	+	+	B	0	0	2	220	N
RAUB	ARDELLA	R	0000000722	A	A	B	3	+	+	+	+	+	+	+	+	+	D	+	D	+	A	B	0	0	2	2	248	P
CONRAD	ARNOLD		0000000540	D	+	A	2	+	+	+	+	+	+	+	+	+	C	+	+	+	+	D	2	0	4	248	P	
SMITH	ASLEY	J	0000000600	A	A	B	2	+	+	+	+	+	+	+	+	+	A	B	+	+	+	+	+	0	0	0	238	NP
CAMPBELL	AUBREY	M	0000000723	D	C	B	4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	1	2	4	274	A	
REAMER	AUGUSTINE	R	0000000697	+	+	A	2	+	+	+	+	+	+	+	+	+	D	C	+	+	+	+	+	2	2	2	254	P
CARMICHAEL	BARBAR	S	0000000596	B	A	A	3	+	+	+	+	+	+	+	+	+	C	+	D	+	+	A	+	0	2	4	252	P
LOGUE	BARRETT	S	0000000634	+	D	B	1	+	D	A	C	A	B	+	+	+	C	D	D	+	+	+	+	0	0	2	220	N
ANN	BIANCA		0000000666	+	C	A	1	B	B	A	C	+	+	+	+	+	+	D	+	+	+	+	+	0	2	238	NP	
SCHRADER	BLANCA	J	0000000757	+	+	D	2	B	+	+	+	+	+	+	+	+	C	+	A	+	+	+	+	0	4	240	NP	

1

2

3

4

5

6

7

8

9

10

11

1 2 3 4 5 6 7 8 9 10 11



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- Roster and Item-level Report


- o Released items can be viewed.

View Item																				
ReleasedItem	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>

- o Once Data has been sorted as desired, enter an appropriate title in the Report Name field and export as PDF, Excel, or .CSV.

Roster and Item-Level Report









[View Legend](#)
[View File Layout](#)


[Export in PDF Format](#)


Pine Valley MS - sorted by Last Name

(Enter a custom report title up to 40 characters for PDF output.)

Total number of students: 274

			<div style="display: flex; justify-content: space-between; align-items: center;"> <div> View Item ReleasedItem Standard CorrectResponse PtsPossible </div> <div>         </div> </div>															
<u>LName</u>	<u>FName</u>	<u>MI</u>	<u>StudentId</u>	20	19	18	17	16	15	14	13	12	11	10	9	8	7	
				G3	H6	D4	E3	F3	E1	H3	F1	E2	K2	B2	F1	D4	F3	
ADCOCK	AMBROSE		0000000547	2	0	0	+	B	+	D	+	D	+	+	D	B	B	
AFT	HAYDEN		0000000552	2	2	2	+	+	C	+	+	+	+	+	+	+	+	
AFT	KINA	S	0000000642	3	0	0	A	+	A	+	C	+	C	+	C	+	A	
AGG	HILTON	F	0000000574	4	2	2	+	+	+	+	+	+	+	C	+	+	B	
ALBRIGHT	LASHANDRA		0000000651	2	0	0	+	C	+	D	C	C	C	A	A	A	B	

Roster and Item-level Report, exported as PDF to computer.



C o n f i d e n t i a l

Roster and Item-Level Report

MATHEMATICS

Pine Valley MS - sorted by Last Name

School: Pine Valley Middle School

System: Pine Valley District

Grade: Grade 8

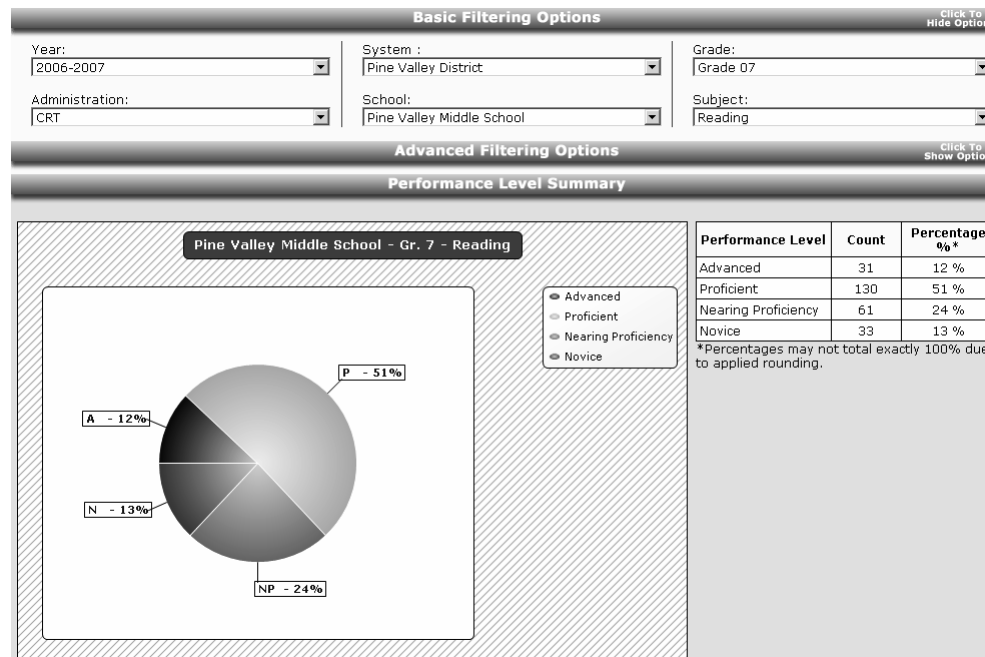
Date: May 2008

Page: 1 of 11

		Position	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	Scaled Score	Performance Level
		Standard	G3	H6	D4	E3	F3	E1	H3	F1	E2	K2	B2	F1	D4	F3	H6	D1	A3	B1	B1	A3		
		Key				C	D	B	B	B	A	D	D	B	D	C	C	A		C	B	C		
		Points Possible	4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	4	1	1	1		
Last Name	First Name																							
ADCOCK	AMBROSE	2	0	0	+	B	+	D	+	D	+	+	D	B	B	+	+	1	B	+	+	244	P	
AFT	HAYDEN	2	2	2	+	+	C	+	+	+	+	+	+	+	+	+	+	4	B	+	+	272	A	
AFT	KINA	3	0	0	A	+	A	+	C	+	C	C	+	+	A	+	D	2	A	+	B	232	NP	
AGG	HILTON	4	2	2	+	+	+	+	+	+	C	+	+	+	B	+	+	4	+	+	B	264	A	
ALBRIGHT	LASHANDRA	2	0	0	+	C	+	D	C	C	C	C	A	A	A	B	A	+	1	+	C	A	232	NP
ALTMAN	GENOVEVA	1	0	0	D	A	C	D	A	+	+	C	C	+	+	A	D	0	A	+	B	214	N	

- Performance Level Summary

- o From the Interactive dropdown, select Performance Level Summary
- o Enter values in Basic Filtering Options. Data will automatically refresh and display as values are changed.
- o Advanced Filtering Options can be selected to further refine data. PDF export will be available when MARS is released.



Analysis and Reporting System – Interactive

- Item Analysis

- o From the Interactive dropdown, select Item Analysis
- o Enter values in Basic Filtering Options. Data will automatically refresh and display as values are changed.
- o Advanced Filtering Options can be selected to further refine data.
- o Multiple Choice and Constructed Response results are displayed. For Multiple Choice, Count and Percent values can be selected.

Basic Filtering Options

Click To Hide Options

Year:
2006-2007

System :
Pine Valley District

Grade:
Grade 07

Administration:
CRT

School:
Pine Valley Middle School

Subject:
Mathematics

Advanced Filtering Options

Click To Show Options

Item Analysis

Multiple Choice

☒ Count ☐ Percent

Released Item	Standard	Correct (#)	A (#)	B (#)	C (#)	D (#)	IR (#)	Correct Response
1	B1	131	42	53	131	25	4	C
2	F2	96	46	71	96	40	2	C
3	E1	169	169	44	22	17	3	A
4	A3	135	20	135	33	65	2	B
5	F3	108	30	53	108	61	3	C

Constructed-Response

Released Item	Standard	Point Value	Average Score
17	B2	2	0.51
18	H1	2	0.53
19	C1	4	1.77
20	B2	4	1.69

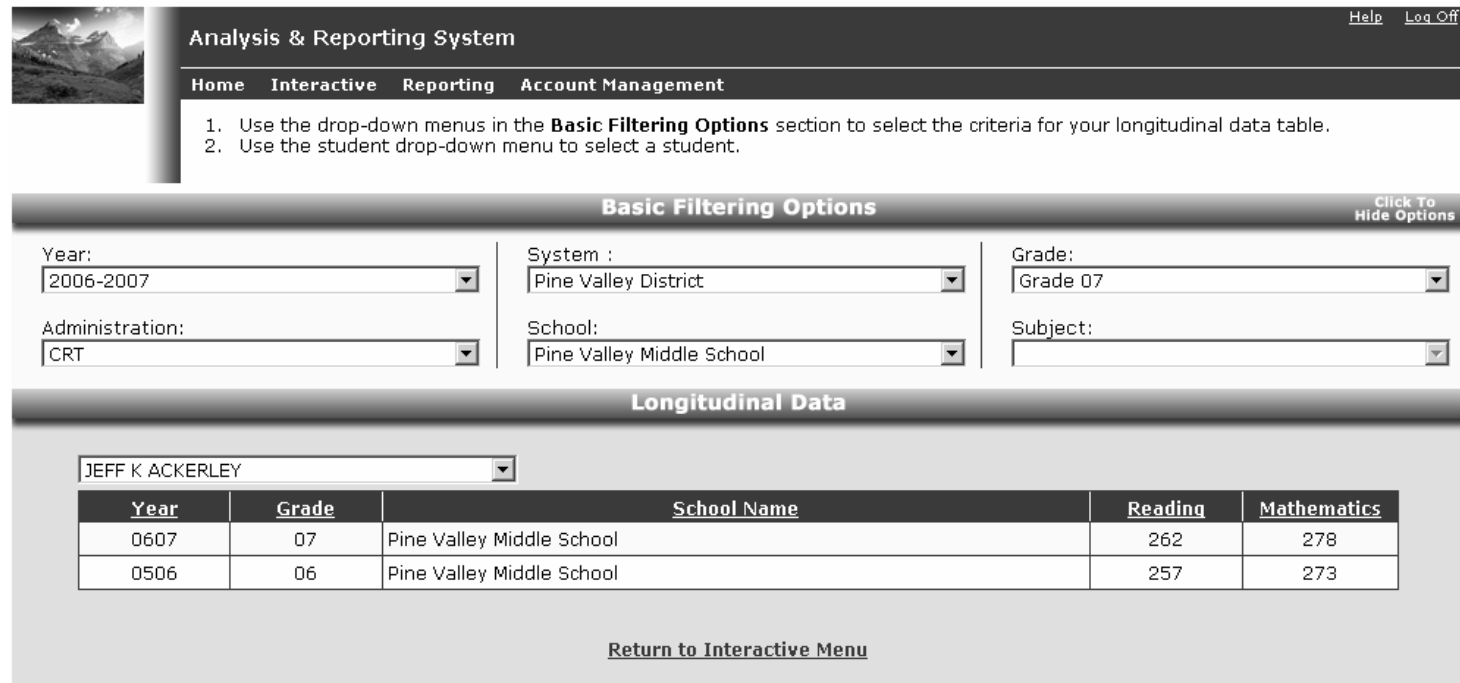


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- Longitudinal Data

- o From the Interactive dropdown, select Longitudinal Data.
- o Enter values in Basic Filtering Options.
- o Under Longitudinal Data below, select a student.
- o All subject results display.



The screenshot displays the 'Analysis & Reporting System' interface. At the top, there is a navigation bar with links for 'Home', 'Interactive', 'Reporting', and 'Account Management'. Below this, a 'Basic Filtering Options' section contains several dropdown menus for 'Year' (2006-2007), 'System' (Pine Valley District), 'Grade' (Grade 07), 'Administration' (CRT), 'School' (Pine Valley Middle School), and 'Subject'. Below the filtering options is the 'Longitudinal Data' section, which features a student selection dropdown (JEFF K ACKERLEY) and a table of results.

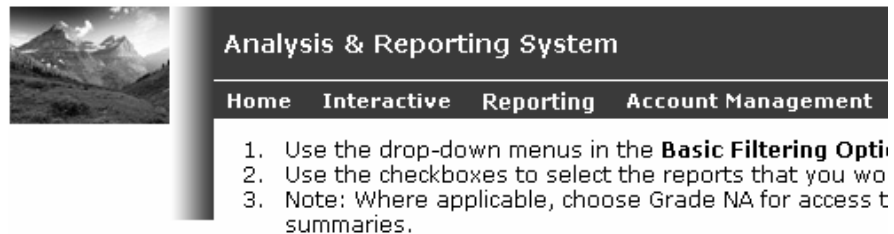
Year	Grade	School Name	Reading	Mathematics
0607	07	Pine Valley Middle School	262	278
0506	06	Pine Valley Middle School	257	273

At the bottom of the interface, there is a link to 'Return to Interactive Menu'.



- Reporting

- o From the main menu at the top of the screen, select Reporting

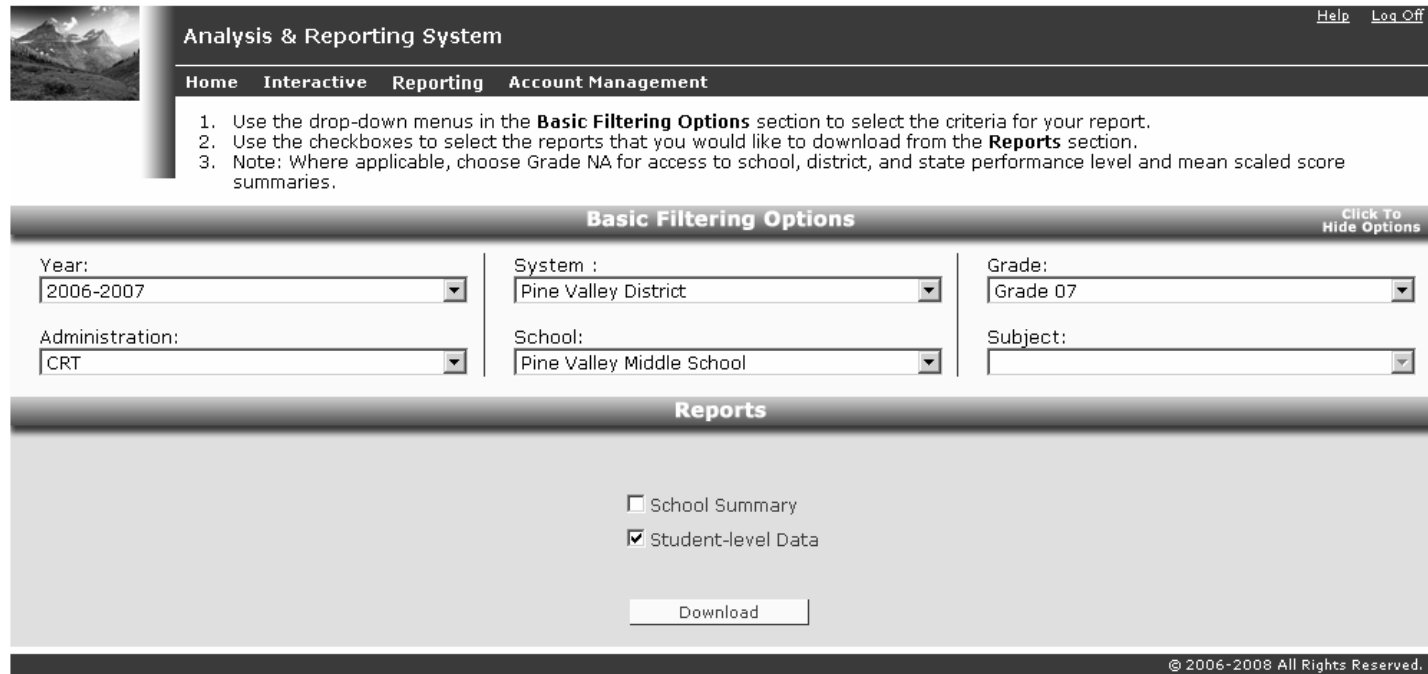


- o Select Basic Filtering Options.

A screenshot of the 'Basic Filtering Options' form. The form has a title bar 'Basic Filtering Options' with a 'Click To Hide Options' link on the right. Below the title bar are six drop-down menus arranged in two rows. The first row contains 'Year:' (with a placeholder 'Please Select A Year Span'), 'System:', and 'Grade:'. The second row contains 'Administration:', 'School:', and 'Subject:'. Below the filters is a section titled 'Reports' which contains the text 'Please complete the basic filtering options to display reports.' At the bottom right of the form, there is a copyright notice: '© 2006-2008 All Rights Reserved.'

Analysis and Reporting System – Reporting

- Once Basic Filtering Options have been selected:
 - o Select “School Summary” and/or “Student-level Data”
 - o Select Download.
 - o Save report(s) to computer. As with other reports, it will be compressed.



The screenshot displays the 'Analysis & Reporting System' web interface. At the top, there is a navigation bar with links for 'Home', 'Interactive', 'Reporting', and 'Account Management'. A 'Help' and 'Log Off' link are also present. Below the navigation bar, a list of instructions is provided: 1. Use the drop-down menus in the **Basic Filtering Options** section to select the criteria for your report. 2. Use the checkboxes to select the reports that you would like to download from the **Reports** section. 3. Note: Where applicable, choose Grade NA for access to school, district, and state performance level and mean scaled score summaries.

The **Basic Filtering Options** section contains several drop-down menus: 'Year' (set to 2006-2007), 'System' (set to Pine Valley District), 'Grade' (set to Grade 07), 'Administration' (set to CRT), 'School' (set to Pine Valley Middle School), and 'Subject' (empty). A 'Click To Hide Options' link is located to the right of these filters.

The **Reports** section features two checkboxes: 'School Summary' (unchecked) and 'Student-level Data' (checked). A 'Download' button is positioned below these options.

At the bottom of the interface, a copyright notice reads: © 2006-2008 All Rights Reserved.

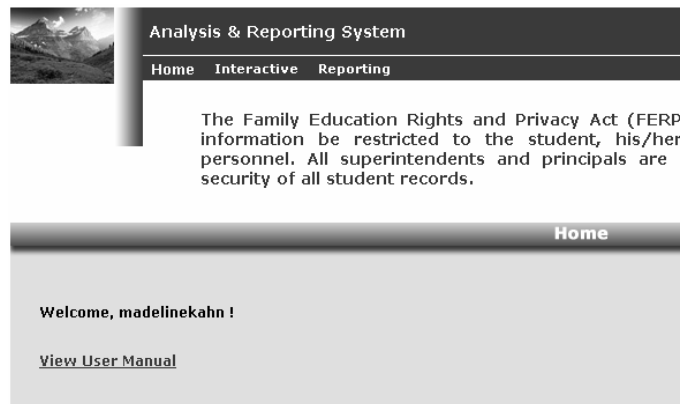
Analysis and Reporting System – Classroom Accounts

- Classroom Accounts (Teachers)

- o Classroom Accounts will be front-loaded into MARS by Measured Progress.
- o Principals can create additional Classroom Accounts if necessary.
- o Once teachers have been assigned to student rosters via the Student Assignment process (Account Management), they can login to view data.

Note: Mixed rosters are supported (students assigned to more than one Classroom Account).

- o All menu items are visible to Classroom Accounts with the exception of Account Management.
- o Teachers can only view data for students to whom they are assigned (Student Assignment).



Analysis and Reporting System – System Accounts

- **System Accounts (District-level)**
 - o Access to data for all grades within a given system.
 - o There is only one System Account.

Questions and Answers / Feedback



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